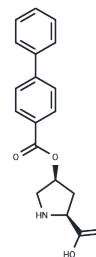


SN05

Chemical Properties

CAS No. : 2768663-51-8
 Formula: C₁₈H₁₇N₁O₄
 Molecular Weight: 311.33
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	SN05 is a potent inhibitor of amino acid transport (AAT) that can be used in anticancer research. The K_i values of SN05 for human ASCT1, rat ASCT2, human ASCT2, EAAT1, EAAT2, EAAC1 and EAAT5 is 2.77 μ M, 0.73 μ M, 0.87 μ M, 3.7 μ M, 7.25 μ M, 7.23 μ M and 2.22 μ M, respectively [1].
Targets(IC50)	Others,transporter,ASCT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.212 mL	16.0601 mL	32.1203 mL
5 mM	0.6424 mL	3.212 mL	6.4241 mL
10 mM	0.3212 mL	1.606 mL	3.212 mL
50 mM	0.0642 mL	0.3212 mL	0.6424 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481